

transform (DCT), maximum entropy method, method by linear predictive analysis, etc., can be applied.

Please replace the first paragraph at page 28, line 2 to line 10 with the following rewritten paragraph:

Furthermore, in the aforementioned embodiment, it has dealt with the case where ADRC is performed as pattern generating means for generating compressed data pattern. However, the present invention is not only limited to this but also the compression means such as for example differential pulse code modulation (DPCM), vector quantization (VQ). In short, it may be compression means that can represent the pattern of signal waveform by few classes.

IN THE CLAIMS:

Please amend claim 11 as follows:

11. (Amended) A program storage medium for making a digital signal processing apparatus execute a program, comprising:

the frequency analysis step of calculating power spectrum data from a digital audio signal;

the spectrum data extracting step of extracting a part of power spectrum data from said power spectrum data;

the classification step of classifying said digital audio signal based on said part of power spectrum data; and

the prediction operation step of generating a new digital audio signal formed by converting said digital audio signal by a predicting method corresponding to said classified class.